

What Is Claimed Is:

1. A metal coating method excellent in corrosion resistance comprising:

using a cationic coating composition containing a base resin and a curing agent; and

forming a film having a glass transition point (T_g) of from 60 to 95°C, and an oxygen permeability of from 5×10^{-13} (cc·cm/cm²·sec·cmHg) to 5×10^{-11} (cc·cm/cm²·sec·cmHg) at a film thickness of 20 μ m;

wherein the base resin is selected from the group consisting of

(A) a base resin (I) comprising a xylene-formaldehyde-resin-modified amino-containing epoxy resin obtained by reacting an epoxy resin (1) having an epoxy equivalent of from 180 to 2500 with a xylene formaldehyde resin (2) and an amino-containing compound (3),

(B) a base resin (II) comprising a polyol-modified amino-containing epoxy resin obtained by reacting an epoxy resin (1) having an epoxy equivalent of from 180 to 2500 with an amino-containing compound (3), and a polyol compound (4) available by adding a caprolactone to a compound having a plurality of active hydrogen groups, and

(C) a base resin (III) comprises a polyol-modified amino-containing epoxy resin (III) obtained by reacting an

epoxy resin (1) having an epoxy equivalent of from 180 to 2500 with an alkyl phenol (v_1) and/or a carboxylic acid (v_2), an amino-containing compound (3) and a polyol compound (4) available by adding a caprolactone to a compound having a plurality of active hydrogen groups.

2. A metal coating method excellent in corrosion resistance according to claim 1,

wherein the curing agent (I) comprises a blocked polyisocyanate compound obtained by blocking an isocyanate group of a polyisocyanate compound with a blocking agent.

3. A metal coating method excellent in corrosion resistance according to Claim 1, wherein the curing agent is a block polyisocyanate curing agent (II) obtained by reacting an active-hydrogen-containing component further containing propylene glycol with an aromatic polyisocyanate compound and is incorporated as the whole or portion of the curing agent (II) of the cationic coating composition.

4. A metal coating method excellent in corrosion resistance according to Claim 1, wherein the cationic coating composition is applied to an object to be coated to form a film having an adhesive force of 3.0 kg/cm² or greater.

5. A metal coating method excellent in corrosion resistance according Claim 1, wherein the cationic coating composition used for the metal coating method contains at least one bismuth compound.

6. A coated article obtained by the metal coating method as claimed in Claim 1.

7. A coated article obtained by the metal coating method as claimed in Claim 2.

8. A coated article obtained by the metal coating method as claimed in Claim 3.

9. A coated article obtained by the metal coating method as claimed in Claim 4.

10. A coated article obtained by the metal coating method as claimed in Claim 5.